

ABSTRACT

A desired bit sequence (x) can be communicated over a wireless communication link (15) by including the desired bit sequence in each of a plurality of transmissions over the wireless communication link. In response to each of the plurality of transmissions, a received bit sequence corresponding to the desired bit sequence can be produced at the receiving end. A determination of the desired bit sequence can be made based on the received bit sequences (r_1 - r_N) and information (SNR_1 - SNR_N , α_1 - α_N) indicative of communication quality associated with each of the plurality of transmissions.

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